DAQ Problems of the Week
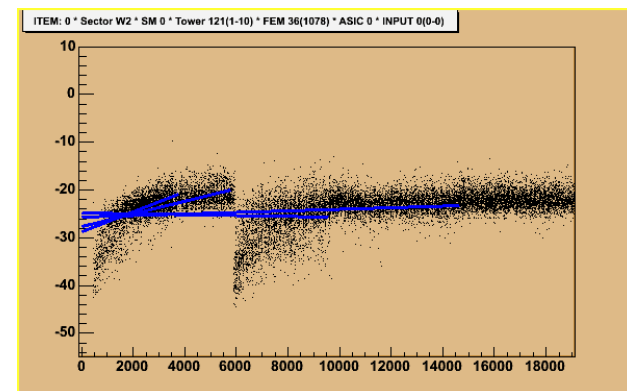
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FEM Problems?

- AGEL goes crazy when using certain GTM files?
- TOF.W triggers not getting to GTM?
- EMCAL pedestals (particularly TAC) behave oddly with rate and multievent buffering
- EMCAL data volume?
- Does the EMCAL problem with laser events still exist?
- MUID subsystem bad errors?
- MUTR.N feed failures?
- 2 DC.E FEM's removed, one for errors, one for data volume
- TEC noise

ITEM: 0 * Sector W2 * SM 0 * Tower 121(1-10) * FEM 36(1078) * ASIC 0 * INPUT 0(0-0)

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Buffer Boxes

- We need to finalize the buffer box configuration and weed out DOA's

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rc and servers

- Runs that don't stop
- What happens at BR and ER that we could eliminate or speed up?
- calibdata writes to junkdata
- Finalize database
- Uncertainty about what the right sequence of events is to make sure logging works; my guess:
    - Clean up bufferboxes
    - startBBserver.sh
    - Initialize
    - Enable
    - Select configuration
    - Update
- Will need to select /a /b /c /d for buffer boxes

EvB

- Ports that fall off switch
- Not clear what to do when an seb or atp doesn't initialize correctly; my procedure:
  - Reboot it
  - itadmin process kill seb4_process
  - itadmin process start seb4_process
  - Choose Hard reset in EvBServer
  - Click on the offending red indicator

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Things to be careful about...

- Kill the GL1 rc violently while it's running (by loading the trigger or whatever), and you'll be rebooting iocondev1a
- Start another process in the seb that opens the jseb
- Change the multievent buffering while the GL1 is running

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